



REC15-408

Knollwood Energy of MA LLC  
P.O. Box 30  
Chester, New Jersey 07930

September 17, 2015

NHPUC 21SEP15PM8:50

Debra A. Howland  
Executive Director  
New Hampshire Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301-2429

Dear Ms Howland,

Enclosed please find the application for the Padfield system to be part of the Knollwood Energy of MA LLC (NH-II-13-089) Class II Photovoltaic aggregation for New Hampshire Renewable Energy Certificates (RECs) generated from customer-sited sources, pursuant to New Hampshire Code of Administrative Rules Puc 2506.

Customer and Facility Information

Steve Padfield  
95 Exeter Road  
Kingston, NH 03848  
Memories2014@comcast.net  
603-396-1211

The new Nepool GIS ID # for this facility is: NON 54495. Also enclosed are the Simplified Process Interconnection Application and Service Agreement, Certificate of Completion and NH Owner Statements. An electronic version has been sent to [executive.director@puc.nh.gov](mailto:executive.director@puc.nh.gov).

Please do not hesitate to contact me if you have any questions regarding this application.

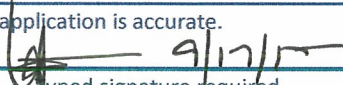
Thank you for your consideration,

Linda Modica  
New England REC Operations Manager  
**Knollwood Energy of MA LLC**  
973.879.7826  
[linda@knollwoodenergy.com](mailto:linda@knollwoodenergy.com)

Enclosures (3)

<b>New Hampshire Public Utilities Commission</b>		<b>This section for PUC use only:</b>			
		<b>REC#</b>			
<b>Draft Class I or II REC Eligibility Application For Solar Customer-Sited Sources 100 Kilowatts Or Less</b>					
1. Class I <input type="checkbox"/>	Class II <input checked="" type="checkbox"/>	<b>GIS Facility Code</b>	<b>NON 54495</b>		2. This facility is part of an aggregation.
		<i>GIS contact info is provided below</i>		yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
3. If yes to #2., the facility is part of the Knollwood Energy of MA LLC aggregation.					
<i>To qualify as a REC eligible facility, PUC 2505.02 (b) requires the source to provide the following information:</i>					
<b>Contact Information</b>					
	<b>Name</b>	<b>Address</b>	<b>City</b>	<b>State</b>	<b>ZIP</b>
<b>Facility Owner</b>	Steve Padfield	95 Exeter Road	Kingston	NH	3848
<b>Phone 1</b>	603-396-1211	<b>Phone 2</b>		<b>Email</b>	Memories2014@comcast.net
<b>Facility Location</b>	<i>(If facility is named)</i>		<i>(if different than owner address)</i>		
<b>Mailing Address</b>	<i>(if different than owner address and/or facility location)</i>				
<b>Application filed by:</b>					
<b>Business Name</b>	Knollwood Energy of MA LLC	PO Box 30	Chester	NJ	07930
<b>Contact</b>	Linda Modica				
<b>Phone 1</b>	908-879-7826	<b>Phone 2</b>		<b>Email</b>	linda@knollwoodenergy.com
<b>Facility Operator</b>	<i>(complete only if a separate operator manages the facility)</i>				
<b>Phone 1</b>		<b>Phone 2</b>		<b>Email</b>	
<b>Installer Company</b>	Solar Endeavors, LLC	218 Lafayette Rd	Rye	NH	03872
<b>Installer Contact</b>	Aaron Russell				
<b>Phone 1</b>	603-505-8802	<b>Phone 2</b>		<b>Email</b>	aaron@solarendeavors.com
<b>Electrician</b>	Christopher Vining Warren Industries	7 Longwood Avenue	No. Andover	MA	*01847
<b>Phone 1</b>		<b>License #</b>	NH 12731	<b>Email</b>	cwvining@gmail.com
<b>Equipment Vendor</b>	<i>(If not provided through the installer)</i>				
<b>Phone 1</b>		<b>Phone 2</b>		<b>Email</b>	
<b>Independent Monitor (IM) Name</b>		Paul Button		<i>To obtain a GIS Facility Code contact James Webb, Registry Administrator 408.517.2174, jwebb@apx.com</i>	
<b>IM Company Name</b>		EAU-NH			
<b>Equipment Information</b>					
	<b>Manufacturer</b>	<b>Quantity</b>	<b>Model # (if available)</b>	<b>Rated Output/unit</b>	<b>Total Rated Capacity</b>
<b>Panels</b>	SolarWorld	36	SW280	0.280	11.0 (DC)
<b>Inverter(s)</b>	SolarEdge	1	SE10000A-US	10.0	11.0 (AC)
<b>Meter</b>	Schlumberger	CL200 J5S	<b>Utility Project ID #</b>	<b>Initial date of operation</b>	<i>(mm/dd/year)</i> 1/9/15
<b>To be completed by the owner. Aggregators may include the owner sign-off via email or letter.</b>					
<input checked="" type="checkbox"/> I agree	The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate.				
The project described in this application will meet the metering requirements of Puc 2506 including:					
<input checked="" type="checkbox"/> I agree	Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the IM, or a designated representative.				
<input checked="" type="checkbox"/> I agree	A revenue quality meter is used to measure the electricity generated.				
<input checked="" type="checkbox"/> I agree	The facility owner has certified to the IM that the meter operates according to manufacturing standards.				
<input checked="" type="checkbox"/> I agree	The meter shall be maintained according to the manufacturer's recommendations.				



<input type="checkbox"/>	
I agree	The project is installed and operating in conformance with applicable building codes.
<input type="checkbox"/>	
included	A copy of the facility's interconnection agreement is attached.
X	
The Undersigned declares under penalty of perjury that the information provided on this application is accurate.	
<div style="text-align: right;">/  9/17/15 /</div> <div style="text-align: right;">typed signature required</div>	
Contact Barbara Bernstein at <a href="mailto:Barbara.bernstein@puc.nh.gov">Barbara.bernstein@puc.nh.gov</a> or 603-271-6011 with questions and comments.	

## New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

  
DP

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor, or a designated representative.

  
DP

A revenue quality meter is used to measure the electricity generated.

  
DP

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

  
DP

The meter shall be maintained according to the manufacturer's recommendations.

  
DP


The project is installed and operating in conformance with applicable building codes.

  
DP

A copy of the facility's interconnection agreement is attached.

Dawn Padfield

\_\_\_\_\_  
Printed Name of signature owner

  
Dawn Padfield (Sep 14, 2015)

\_\_\_\_\_  
Signature of system owner



**UNITIL ENERGY SYSTEMS, INC.  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA (Continued)**

**Simplified Process Interconnection Application and Service Agreement**

**Contact Information:** Date Prepared: December 1, 2014  
 Legal Name and address of Interconnecting Customer (or, Company name, if appropriate)  
 Customer Name (print): Steve Padfield Contact Person, if Company: \_\_\_\_\_  
 Mailing Address: 95 Exeter Road  
 City: Kingston State: NH Zip Code: 03848  
 Telephone (Daytime): 603-396-4211 (Evening): 603-396-4211  
 Facsimile Number: \_\_\_\_\_ E-Mail Address: Memories2014@comcast.net  
**Alternative Contact Information** (e.g., system installation contractor or coordinating company, if appropriate):  
 Name: Aaron Russell  
 Mailing Address: 1090 Washington Road  
 City: Rye State: NH Zip Code: 03870  
 Telephone (Daytime): 978-771-4645 (Evening): 978-771-4645  
 Facsimile Number: \_\_\_\_\_ E-Mail Address: aaron@solarendeavors.com  
**Electrical Contractor Contact Information** (if appropriate):  
 Name: Neil Vilders Telephone: 603-765-2439  
 Mailing Address: 255 McKinley Road  
 City: Portsmouth State: NH Zip Code: 03871

**Facility Information:**

Address of Facility: (Same as above)  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Electric Service Company: Unitil Account Number: 2210985-2064902 Meter Number: 153926  
 Inverter Manufacturer: SolarEdge Model Name and Number: SE10000A-US Quantity: 1  
 Nameplate Rating: 10,000 (kW) 10 (kVA) (AC Volts) Single X or Three \_\_\_\_\_ Phase  
 System Design Capacity: 9,900 (kVA) \_\_\_\_\_ (kVA)  
 Net Metering: If Renewably Fueled, will the account be Net Metered? Yes X No \_\_\_\_\_  
 Prime Mover: Photovoltaic ☒ Reciprocating Engine ☐ Fuel Cell ☐ Turbine ☐ Other \_\_\_\_\_  
 Energy Source: Solar ☒ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil ☐ Other \_\_\_\_\_  
 UL 1741.1 (IEEE 1547.1) Listed? Yes x No \_\_\_\_\_  
 Estimated Install Date: 12/10/2014 Estimated In-Service Date: 12/22/2014

**Customer Signature**

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the Terms and Conditions on the following page:

Interconnecting Customer Signature: Padfield Title: Homeowner Date: 12/2/14

Please attach any documentation provided by the inverter manufacturer describing the inverter's UL 1741 listing.

**Approval to Install Facility (For Company use only)**

Installation of the Facility is approved contingent upon the terms and conditions of this Agreement, and agreement to any system modifications, if required. (Are system modifications required? Yes \_\_\_\_\_ No ☒ To be Determined \_\_\_\_\_)

Company Signature: [Signature] Title: 1062 Dist Eng Date: DEC 23, 2014

Company waives inspection/Witness Test? Yes \_\_\_\_\_ No ☒



UNITIL ENERGY SYSTEMS, INC.  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA (Continued)

**Exhibit B - Certificate of Completion for Simplified Process Interconnections**

Installation Information:

☐ Check if owner-installed

Customer(print): Steve Pacfield  
Mailing Address: 95 Exeter Road  
City: Kingston State: NH Zip Code: 03848  
Telephone (Daytime): 603-396-1211 (Evening): 603-396-4211  
Facsimile Number: \_\_\_\_\_ E-Mail Address: memories2014@comcast.net

Address of Facility (if different from above): (Same as above)  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Electrical Contractor's Name (if appropriate): Neil Vilders  
Mailing Address: 255 McKinley Road  
City: Portsmouth State: NH Zip Code: 03871  
Telephone (Daytime): 603-765-2439 (Evening): 603-765-2439  
Facsimile Number: \_\_\_\_\_ E-Mail Address: vilderscontracting@gmail.com  
License number: NH 7882M

Date of approval to install Facility granted by the Company: \_\_\_\_\_

Application ID number: \_\_\_\_\_

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of

Kingston N.H.  
(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): Joe Thompson

Name (printed): JOE THOMPSON

Date: 1/9/15

As a condition of interconnection you are required to send/fax a copy of this form to:

Generator Interconnection Applications  
Unitil  
325 West Road  
Portsmouth, NH 03801  
Fax: 603-294-5226